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## INTERNATIONAL SEARCH REPORT

International application No.  
PCT/FI 03/00289

## A. CLASSIFICATION OF SUBJECT MATTER

IPC7: H04Q 7/00

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7: H04Q, G08F, H04L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

SE, DK, FI, NO classes as above

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

| Category* | Citation of document, with indication, where appropriate, of the relevant passages                   | Relevant to claim No. |
|-----------|--|-----------------------|
| A         | EP 1096743 A1 (LUCENT TECHNOLOGIES INC.), 2 May 2001 (02.05.01), see paragraph [0011] - [0018]<br>-- | 1-26                  |
| A         | WO 0199411 A1 (MINERVA NETWORKS, INC.), 27 December 2001 (27.12.01), figure 2A, abstract<br>--       | 1-26                  |
| A         | WO 9935839 A1 (INTEL CORPORATION), 15 July 1999 (15.07.99), abstract<br>--<br>-----                  | 1-26                  |

 Further documents are listed in the continuation of Box C. See patent family annex.

- \* Special categories of cited documents:
- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier application or patent but published on or after the international filing date
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- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

- "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
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- "Y" document of particular relevance: the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
- "&" document member of the same patent family

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| Date of the actual completion of the international search<br><br>11 July 2003 | Date of mailing of the international search report<br><br>15 -07- 2003 |
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| Name and mailing address of the ISA/<br>Swedish Patent Office<br>Box 5055, S-102 42 STOCKHOLM<br>Facsimile No. + 46 8 666 02 86 | Authorized officer<br><br>Stefan Hansson/mj<br>Telephone No. + 46 8 782 25 00 |
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**INTERNATIONAL SEARCH REPORT**  
Information on patent family members

29/06/03

International application No.  
PCT/FI 03/00289

| Patent document cited in search report | Publication date | Patent family member(s) |          | Publication date |
|--|------------------|-------------------------|----------|------------------|
| EP 1096743 A1                          | 02/05/01         | NONE                    |          |                  |
| WO 0199411 A1                          | 27/12/01         | AU 6810701 A            | 02/01/02 |                  |
|  |                  | CN 1386362 T            | 18/12/02 |                  |
| WO 9935839 A1                          | 15/07/99         | AU 1833999 A            | 26/07/99 |                  |
|  |                  | EP 1053641 A            | 22/11/00 |                  |
|  |                  | JP 2002501346 T         | 15/01/02 |                  |
|  |                  | TW 404134 B             | 00/00/00 |                  |
|  |                  | US 6072521 A            | 06/06/00 |                  |

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